

[Document Type] Abstract

[Abstract]

[Object]

It is one object of the present invention to form a conventional mesh as a sample in order to efficiently generate a high-quality mesh for a predetermined shape model.

[Constitution]

A mesh generation system 10 for generating a mesh used for finite element analysis comprises: a mesh characteristic extraction unit 11 for receiving a conventional mesh and extracting a characteristic therefrom; and a mesh generator 13 for receiving a target shape model for mesh generation, and for generating a mesh for the shape model based on the characteristic of the conventional mesh extracted by the mesh characteristic extraction unit 11.

[Selected Drawing] Fig. 2